

Amendments to the Claims

This listing of claims will replace all prior listings of claims in the application.

Listing of Claims

1. (Currently amended) A weather strip for a car without a metal insert comprising:

a grip part having a U-shaped grip body in cross section and inner lips integrally molded to ~~the~~an inner surface of said grip body, the cross section of the grip body having substantially the same width along the entirety thereof;

a cover lip ~~or a garnish lip~~ integrally molded to ~~the~~an outer surface of said grip body;

and a seal part provided to said grip part at an ~~outer side of~~opposite side from the cover lip ~~or the garnish lip;~~
wherein:

said weather strip is ~~installed by~~adapted for installation by having said grip part hold a flange provided ~~to~~for of one of a door opening, and a trunk ~~portion and the like~~opening;

said grip body is ~~unprovided with~~free from a metal insert;

and, at least, the bottom wall and the inner wall of said grip part ~~is made of~~comprises one of a highly hardened rubber ~~or~~and a resin having a hardness of more than Hs 90 degree.

2. (Cancelled)

3. (Currently amended) ~~A~~The weather strip ~~for a car without a metal insert comprising:~~

~~— a grip part having a U shaped grip body in section and inner lips integrally molded to the inner surface of said grip~~

body,

~~— a cover lip or a garnish lip integrally molded to the outer surface of said grip body,~~

~~— and a seal part provided to said grip part at an outer side of the cover lip or the garnish lip, wherein, of Claim 1, wherein~~ said weather strip is installed by having said grip part hold a flange ~~provided to a door opening, a trunk portion and the like,~~

~~— said grip body is unprovided with a metal insert,~~

~~— at least, the bottom wall and the inner wall of said grip part is made of highly hardened resin having a hardness of more than Hs 90 degree, and, at least, said inner wall of the grip part is provided with slits.~~

4. (Cancelled)

5. (Cancelled)

6. (Currently amended) ~~A~~The weather strip ~~for a car without a metal insert claimed in~~of claim 1, wherein ~~the grip body is provided with a high rigid material made of one of the highly hardened rubber or and the resin having a hardness of more than Hs 90 degree, said high rigid material is partially exposed at least at one of the inner surface, and the outer surface or both surfaces of said grip body.~~

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Currently amended) ~~A~~The weather strip ~~for a car without a metal insert claimed in~~of claim 1, wherein the grip body is bent along a shape of a corner, and is heated and cooled.

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Currently amended) ~~A~~The weather strip ~~for a car without a metal insert claimed in~~of claim 6, wherein the grip body is bent along a shape of a corner, and is heated and cooled.

16. (Currently amended) ~~A~~The weather strip for a car ~~without a metal insert claimed in~~of claim 1, wherein the grip body is bent along a shape of a corner with the remaining heat of the extrusion heat molding.

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Currently amended) ~~A~~The weather strip ~~for a car without a metal insert claimed in~~of claim 6, wherein the grip body is bent along a shape of a corner with the remaining heat of the extrusion heat molding.

21. (Currently amended) ~~A~~The weather strip ~~for a car without a metal insert claimed in~~of claim 1, wherein the length of the outer wall of the grip part made of highly hardened rubber or resin having a hardness of more than 90 degree is ~~shorter~~less than the length of the inner wall of the grip part ~~made of highly hardened rubber or resin having a hardness of more than 90 degree.~~

22. (Cancelled)

23. (Cancelled)

24. (Cancelled)

25. (Currently amended) ~~A~~The weather strip ~~for a car~~

~~without a metal insert claimed in~~ of claim 6, wherein the length of the outer wall of the grip part made of highly hardened rubber or resin having a hardness of more than 90 degree is ~~shorter~~less than the length of the inner wall of the grip part ~~made of highly hardened rubber or resin having a hardness of more than 90 degree.~~

26. (Cancelled)

27. (Cancelled)

28. (Currently amended) ~~A~~The weather strip ~~for a car without a metal insert claimed in~~ of Claim 1, wherein at least said inner wall of the grip part is provided with notches.

29. (New) A weather strip for a car free from a metal insert, the weather strip comprising:

a grip part comprising:

a rigid part having two lengths and a cross portion defining a generally U-shaped cross section with an opening, the opening having an inner face therein including an inner bottom surface and facing inner side surfaces, said rigid part having a hardness of more than Hs 90 degree and substantially the same thickness along the entire cross section thereof;

a first inner lip integrally molded to a first one of said facing inner side surfaces of said rigid part and projecting into the opening;

a second plurality of inner lips integrally molded to the other of said facing inner side surfaces and projecting into the opening, each of the plurality of said inner lips having a length less than the length of said first inner lip,

a grip body integrally molded to a rear outer surface and the adjacent opposing outer side surfaces of

said rigid part, said grip body including an outer face having a rear outer surface and adjacent outer side surfaces, said grip body including a cover lip projecting generally outwardly and away from said rigid part; and,

a seal part integrally molded to the outer face of said grip part and projecting generally outwardly and away from said grip part.

30. (New) The weather strip of Claim 29, wherein said grip body includes ends extending beyond the lengths of the rigid part, and wherein a portion of said grip body extends inwardly into the opening at a location beyond one of the lengths of said rigid part.

31. (New) The weather strip of Claim 29, wherein said rigid part includes first and second corners that define the generally U-shaped cross section, and wherein said cover lip projects generally outwardly and away from the grip body at one of the corners.

32. (New) The weather strip of Claim 31, wherein, said seal part includes one part integrally molded to the outer face of said grip part at the other one of said corners and another part integrally molded to the outer face at the adjacent one of said side outer surfaces of said grip part.

33. (New) The weather strip of Claim 29, wherein the lengths of said rigid part have ends that define said opening, and wherein adjacent ends of said grip part extend outwardly beyond the ends of said rigid part, said ends of said grip part having a cross section thickness greater than the thickness of said rigid part.

34. (New) A weather strip for a car and free from a metal insert comprising:

a grip part comprising:

a rigid part generally U-shaped in cross section with an opening that defines a rigid part inner face therein, the rigid part having an outer face thereabout including a rear outer surface and adjacent opposing outer side surfaces, said rigid part having a hardness of more than Hs 90 degree;

a grip body integrally molded to the entirety of said inner face of said rigid part, said grip body having an inner face defining an inner bottom surface and facing inner side surfaces, said grip body including:

a first inner lip projecting into the opening from a first one of the facing inner side surfaces of said grip body; and

a second plurality of inner lips projecting into the opening from the other of said facing inner side surfaces, each of said plurality of inner lips having a length less than the length of said first inner lip;

a cover lip integrally molded to the outer face of said rigid part and projecting generally outwardly and away from said rigid part;
and,

a seal part secured to the outer face of said rigid part at spaced locations and projecting generally outwardly and away from said grip part.

35. (New) The weather strip of Claim 34, wherein the rigid part having a generally U-shaped cross section includes first and second corners that define the rear outer surface and the adjacent opposing outer side surfaces thereof, and

wherein said seal part is secured to the rigid part at first and second locations, the first location comprising the outer face of said rigid part at a first one of said corners and the second location comprising the adjacent one of said outer side surfaces.

36. (New) The weather strip of Claim 35, wherein said cover lip is integrally molded to the outer face of said rigid part at the second one of said corners.

37. (New) A weather strip for a car free from a metal insert, said weather strip comprising:

a grip part comprising:

a rigid part generally U-shaped in cross section with an opening defining an inner face therein having an inner bottom surface and facing inner side surfaces and an outer face thereabout defining a rear outer surface and adjacent opposing outer side surfaces, said rigid part having a hardness of more than Hs 90 degree and substantially the same thickness along the entire cross section thereof;

a first inner lip integrally molded to a first one of said facing inner side surfaces of said rigid part and projecting into the opening;

a second plurality of inner lips integrally molded to the other of said facing inner side surfaces and projecting into the opening, each of the plurality of said inner lips having a length less than the length of said first inner lip; and

a grip body integrally molded to the rear outer surface of said rigid part and including a cover lip projecting generally outwardly and away from said rigid part,

and,

a seal part integrally molded to said grip part.

38. (New) The weather strip of Claim 37, wherein said inner lips are each separately molded to the inner surface of said rigid part and spaced from each other.

39. (New) The weather strip of Claim 37, wherein said seal part is integrally molded to one of said outer side surfaces of said rigid part of said grip part at a first location and secured to the grip body of said grip part at a second spaced location, said seal part projecting outwardly and away from the one of said outer side surfaces.

40. (New) A weather strip for a car free from a metal insert, the weather strip comprising:

a grip part comprising:

a rigid part generally J-shaped in cross section with an opening defining an inner face therein having an inner bottom surface and facing inner side surfaces and an outer face thereabout defining a rear outer surface and adjacent opposing outer side surfaces, said rigid part having a hardness of more than Hs 90 degree;

a grip body integrally molded to the rear outer surface and the adjacent opposing outer side surfaces of said rigid part, said grip body having ends extending outward beyond the ends of said J-shaped rigid part that increase the depth of said opening, said grip body including:

a cover lip projecting generally outwardly and away from said rigid part;

a first inner lip integrally molded to a first one of said facing inner side surfaces of said rigid part and projecting into the opening; and

a second plurality of inner lips oriented inwardly from an inner side of said grip body extending outwardly beyond the shorter end of said rigid part and projecting into the opening,

and,

a seal part integrally molded to the outer face of said grip part and projecting generally outwardly and away from said grip part.

41. (New) The weather strip of Claim 40, wherein said one of said inner lips is molded to one of the inner side surfaces of said rigid part near the opening thereof and facing the first one of said inner lips.

42. (New) The weather strip of Claim 40, wherein said rigid part having a generally J-shaped cross section includes first and second corners that define the rear outer surface and the adjacent opposing outer side surfaces,

wherein a portion of said grip body comprises a substantially U-shaped body further defining the first and second corners, and

wherein said cover lip projects generally outwardly and away from one of the corners.

43. (New) The weather strip of Claim 42, wherein, said seal part includes one part integrally molded to the outer face of said grip part at the other one of said corners and another part integrally molded to the adjacent one of said side outer surfaces.

44. (New) The weather strip of Claim 40, wherein ends of said J-shaped cross section of said rigid part define said opening and ends of said grip part extend outwardly beyond the ends of said rigid part, one of said ends of said grip part

having a cross section thickness greater than the thickness of said rigid part.

45. (New) The weather strip of Claim 40, wherein at least said inner wall of the grip part is provided with notches.